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PATENT

ATTORNEY DOCKET: 58778.000002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/500,018 ✓ Confirmation No.: Unknown
Applicant : MINAMITAKE et al.
Filed : June 23, 2004
Title : A METHOD FOR PRODUCING A MODIFIED PEPTIDE
TC/Art Unit : Unknown
Examiner: : Unknown

Docket No. : 58778.000002
Customer No. : 21967

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants submit attached Form PTO-SB/08A (modified) for consideration and request the references cited therein be made of record by the U.S. Patent and Trademark Office in the above-captioned application.

Applicants respectfully point out that the submission of the listed references in this Information Disclosure Statement is not an admission that they are prior art or that they are material to patentability of any claims of the application. Also, the submission of this Information Disclosure Statement is not an indication that a search has been made by Applicants.

For the convenience of the Examiner in considering the cited references, a copy of each of the cited references is enclosed with this communication. In considering the cited references, it may be noted by the Examiner that certain of the references may contain markings, underlinings, and/or other notations. These markings, underlinings, and/or other notations are not to be construed as drawing the Examiner's attention either to selected parts or away from other parts of the cited references. Any such markings were either present on the copies of the cited

references obtained by the associated individuals, or were made thereon during the study of the references by the associated individuals.


Consideration of the foregoing plus the prompt return of a copy of the enclosed Form SB/08A with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action. Therefore, it is respectfully submitted that no fee is required for consideration of this information. However, in the event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: 11/23/04

By: 
Jessica L. Parezo
Registration No. 50,286

Jeff B. Vockrodt
Registration No. 54,833

Hunton & Williams LLP
Intellectual Property Department
1900 K Street, N.W.
Suite 1200
Washington, DC 20006
(202) 955-1500 (telephone)
(202) 778-2201 (facsimile)

JLP/sdw

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/500,018
Filing Date	June 23, 2004
First Named Inventor	MINAMITAKE et al.
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Examiner Name	Unknown
Attorney Docket Number	58778.000002

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FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
	1.	EP	0745669 A2	12-04-1996	Yabuta et al.		<input type="checkbox"/>	<input type="checkbox"/>
	2.	EP	0794254 A2	09-10-1997	Magota et al.		<input type="checkbox"/>	<input type="checkbox"/>
	3.	EP	0794255 A2	09-10-1997	Suzuki et al.		<input type="checkbox"/>	<input type="checkbox"/>
	4.	EP	0978565 A1	02-09-2000	Ohsuye et al.		<input type="checkbox"/>	<input type="checkbox"/>
	5.	EP	1076097 A1	02-14-2001	Okuno et al.		<input type="checkbox"/>	<input type="checkbox"/>
	6.	EP	1179537 A1	02-13-2002	Obiols et al.		<input type="checkbox"/>	<input type="checkbox"/>
	7.	EP	1197496 A1	04-17-2002	Kangawa et al.		<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	8.	BARLOS et al., Application of 2-chlorotrityl resin in solid phase synthesis of (Leu ¹⁵)-gastrin I an unsulfated cholecystokinin octapeptide, Int. J. Peptide Protein Res. 38, 1991, 555-561		
	9.	BARLOS et al., Veresterung Von Partiell Geschützten Peptide-Fragmenten Mit Harzen. Einsatz Von 2-Chlorotritylchlorid Zur Synthese Von Leu ¹⁵ -Gastrin I, Tetrahedron Letters, Vol. 30, No. 30, 3947-3950, 1989	<input type="checkbox"/>	<input type="checkbox"/>
	10.	BEDNAREK et al., Structure-Function Studies in the New Growth Hormone-Releasing Peptide, Ghrelin: Minimal SEQUENCE OF Ghrelin Necessary for Activation of Growth Hormone Secretagogue Receptor 1a, J. Med. Chem. 2000, 43, 4370-7376	<input type="checkbox"/>	<input type="checkbox"/>
	11.	DAWSON et al., Synthesis of Proteins By Native Chemical Ligation, Science, Vol. 266, November 4, 1994, 776-779	<input type="checkbox"/>	<input type="checkbox"/>
	12.	Energy Argus, Latin American Power Watch, Columbia's Porse III attracts interest, Volume XX, 19, 28 September 2004, 1-8	<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	13.	ISHIMARU et al., Stability of the Octanoyl Group Essential for Expressing the Biological Activities of Rat Ghrelin, Peptide Science 2002, 157-160	<input type="checkbox"/>	<input type="checkbox"/>
	14.	KAWAKAMI et al., Polypeptide Synthesis Using An Expressed Peptide As a Building Block Via the Thioester Method, Tetrahedron Letters 41, (2000) 2625-2628	<input type="checkbox"/>	<input type="checkbox"/>
	15.	KAWAKAMI et al., Synthesis of Reaper, a Cysteine-Containing Polypeptide, Using a Peptide Thioester in The Presence of Silver Chloride As An Activator, Tetrahedron Letters 39 (1998) 7901-7904	<input type="checkbox"/>	<input type="checkbox"/>
	16.	KISO et al., A New Stepwise Deprotection Method Using Reductive Acidolysis Followed By Fluoride Ion In Solid Phase Peptide Synthesis ¹ , Tetrahedron Letters, Vol. 34, No. 47, 7599-7602, 1993	<input type="checkbox"/>	<input type="checkbox"/>
	17.	KITAGAWA et al., Facile Solid-Phase Synthesis of Sulfated Tyrosine-Containing Peptides: Part II. Total Synthesis of Human Big Gastrin-II AND Its C-Terminal Glycine-Extended Peptide (G34-Gly Sulfate) by the Solid-Phase Segment Condensation Approach ^{1,2} , Chem., Pharm. Bull. 49(8) 958-963 (2001)		
	18.	Kojima et al., Ghrelin is a growth-hormone-releasing acylated peptide from stomach, Nature, Vol. 402, December 9, 1999, 656-660	<input type="checkbox"/>	<input type="checkbox"/>
	19.	MATSUMOTO et al., Structural Similarity of Ghrelin Derivatives to Peptidyl Growth Hormone Secretagogues, Biochemical and Biophysical Research Communications 284, 655-659 (2001)	<input type="checkbox"/>	<input type="checkbox"/>
	20.	UEKI et al., Facile Removal of a Peptide Chain From a Solid Phase Resin Support By Hydrolysis Using Tetrabutylammonium Fluoride Trihydrate In N, N-Dimethylformamide, J. Chem. Soc., Chem. Commun., 1988, 414-415	<input type="checkbox"/>	<input type="checkbox"/>

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